

CLAIMS

I claim:

1. A cooling fan structure comprising:

a base;

a ring stator mounted in said base;

a series of polar claws being bent to form in an inner side of said ring stator;

a plurality of blades mounted pivotally in a receiving space of said ring stator;

a connection ring circumventing said blades; and

a magnetic ring rotor fastened with said connection ring such that said magnetic ring rotor is induced by a coil of said ring stator to drive said blades.

2. The cooling fan structure as defined in claim 1, wherein said ring stator is provided with two or more sets of polar claws.

3. The cooling fan structure as defined in claim 1, wherein said ring stator is provided with an upper coil set and a lower coil set, so as to arrange two sets of ring stator in an alternate manner.

4. The cooling fan structure as defined in claim 1, wherein said polar claws of said ring stator are insulated by a plastic material.